U.S. Department of Commerce, Patent and Trademark Office	Docket No.	Serial No.
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Toll, et al.	Confirmation No.:
(Use several sheets if necessary)	Filing Date	Group
Examiner Allen, M.	December 3, 2001	1631

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1						
	A2						

Foreign Patent Documents

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							YES	NO
	B1						☐	☐
	B2						☐	☐

OTHER ART

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	AI	Bucher, P. et al., "A Flexible Motif Search Technique based on Generalized Profiles," Computers and Chemistry, Vol. 20, pp 3-24, January 1996
	AN	Eddy, S.R., "Hidden Markov Models," Current Opinion in Structural Biology, Vol. 6, pp 361-365, 1996
	AO	Eddy, S., "Profile Hidden Markov Models," Bioinformatics Review, 14(9), pg 755-763, 1998
	AP	Eddy, et al., "Maximum Discrimination Hidden Markov Models of Sequence Consensus," J. Computational Biology, 2(1), pp. 9-23, 1995
	AQ	Eddy, S.R., "Multiple Alignment Using Hidden Markov Models," Proc. Third In. Conf. Intelligent Systems for Molecular Biology, AAAI Press, Menlo Park, pp 114-120, PostScript; 1995.
	AR	Grate, et al., "Tutorial Stechastis Modeling Techniques: Understanding and Using Hidden Markov Models," University of California, Santa Cruz, CA pp 1-34, June 1996; www.cse.ucsc.edu/research/compbio/sam.html; Tutorial allegedly used at ISMB, June, 1996
	AT	Grundy et al., "Meta-MEME. Motif-Based Hidden Markov Models of Protein Families," Computer Applications
	AY	Karchin et al., "Weighting Hidden Markov Models for Maximum Discrimination," Bioinformatics, 14(9), pp 772-782, 1998
	AGG	McClure, et al., "Parameterization studies from the SAM and HMMER methods of hidden Markov Model," Proc. Fourth Int. Conf. Intelligent Systems to Molecular Biology 155-164 UNLV, Las Vegas, 1996
	ANN	Tarnas, et al., "Reduced space hidden Markov model training," Bioinformatics, 14(5), 401 406, 1998

Examiner	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.